

L Number	Hits	Search Text	DB	Time stamp
1	2685	29/623.1 or 29/623.5	USPAT	2004/11/02 22:08
-	66	"6355166" or "6106963" or "6479176" or "5871625" or "6322676" or "6303242" or "5817221" or "5786040" or "3811952" or "3853628" or "4037022" or "4201827" or "3409471" or "5869200"	USPAT	2004/11/02 22:08
-	1	"20040131889"	USPAT;	2004/11/01 21:20
-	1	"20040131889"	US-PGPUB	2004/10/12 13:25
-	241	leddy	USPAT;	2004/10/12 13:26
-	28	leddy and gradient	US-PGPUB	2004/10/15 15:09
-	825	remnant same magnetic	USPAT;	2004/10/13 15:34
-	132	(remnant same magnetic ) and electrode	US-PGPUB	2004/10/13 15:58
-	298	(remnant same magnetic ) and particle	USPAT;	2004/10/13 15:58
-	268	((remnant same magnetic ) and particle) and (magnetic same particle)	USPAT;	2004/10/13 15:59
-	68	((remnant same magnetic ) and electrode) and (((remnant same magnetic ) and particle) and (magnetic same particle))	US-PGPUB	2004/10/13 16:00
-	0	"6805951"	USPAT	2004/10/14 17:21
-	81	"6355166" or "6106963" or "6479176" or "5871625" or "6322676" or "6303242" or "5817221" or "5786040" or "3811952" or "3853628" or "4037022" or "4201827" or "3409471" or "5869200"	USPAT; US-PGPUB	2004/10/14 21:19
-	81	"6355166" or "6106963" or "6479176" or "5871625" or "6322676" or "6303242" or "5817221" or "5786040" or "3811952" or "3853628" or "4037022" or "4201827" or "3409471" or "5869200"	USPAT;	2004/10/14 21:19
-	5	("6355166" or "6106963" or "6479176" or "5871625" or "6322676" or "6303242" or "5817221" or "5786040" or "3811952" or "3853628" or "4037022" or "4201827" or "3409471" or "5869200") and "magnetic field strength"	US-PGPUB	2004/10/14 21:19
-	66	"6355166" or "6106963" or "6479176" or "5871625" or "6322676" or "6303242" or "5817221" or "5786040" or "3811952" or "3853628" or "4037022" or "4201827" or "3409471" or "5869200"	USPAT	2004/10/15 15:09
-	28	leddy and gradient	USPAT;	2004/10/15 15:09
-	21	(leddy and gradient) and align\$	US-PGPUB	2004/10/15 15:11
-	4	(leddy and gradient) and alignment	USPAT;	2004/10/15 15:12
-	3	("6355166" or "6106963" or "6479176" or "5871625" or "6322676" or "6303242" or "5817221" or "5786040" or "3811952" or "3853628" or "4037022" or "4201827" or "3409471" or "5869200") and alignment	USPAT;	2004/10/15 15:12
-	27	("6355166" or "6106963" or "6479176" or "5871625" or "6322676" or "6303242" or "5817221" or "5786040" or "3811952" or "3853628" or "4037022" or "4201827" or "3409471" or "5869200") and ("T" or "Torr")	USPAT;	2004/10/21 21:23
-	7757	428/\$ and (magnetic same particle)	USPAT;	2004/10/22 12:37
-	208462	(428/\$ and (magnetic same particle)) gradient	US-PGPUB	2004/10/22 12:38
-	828	(428/\$ and (magnetic same particle)) and gradient	USPAT;	2004/10/22 12:38

-		1	"20040131889" and "T"	USPAT; US-PGPUB	2004/10/22 16:43
-		12	"5786040" or "6001248" or "6322676" ("5786040" or "6001248" or "6322676") and "permanent magnetic"	USPAT	2004/10/28 20:22
-		9	"20040131889"	USPAT	2004/10/28 21:01
-		1		USPAT;	2004/11/01 21:20
-		18868	428/547 or 428/548 or 428/557 or 428/558 or 428/570 or 428/327 or 428/329 or 428/403 or 428/504 or 428/404 or 428/405 or 428/407 or 428/694ba or 428/900 427/127 or 427/129 or 427/130	US-PGPUB	2004/11/02 14:01
-		2815		USPAT;	2004/11/02 14:02
-		885	204/155 or 204/207 or 204/211 or 204/215	US-PGPUB	2004/11/02 14:08
-		5805	429/10 or 429/12 or 429/40 or 429/41 or 429/209 or 429/221 or 429/223	USPAT;	2004/11/02 14:11
-		1093	428/92 or 428/93	US-PGPUB	
-		1693	428/692 or 428/693	USPAT; US-PGPUB	2004/11/02 14:14
				USPAT; US-PGPUB	2004/11/02 14:14

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)



[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)



RELEASE 1.8

Welcome  
United States Patent and Trademark Office



[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

### Quick Links

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

### Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

### Search

- By Author
- Basic
- Advanced
- CrossRef

### Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

### IEEE Enterprise

- Access the IEEE Enterprise File Cabinet

## Magnetics, IEEE Transactions on

[Accepted for future Publication](#)

### Issues of Year: 2004

[Sept. 2004, Vol.40, Issue 5](#)  
[July 2004, Vol.40, Issue 4](#)  
[July 2004, Vol.40, Issue 4](#)  
[May 2004, Vol.40, Issue 3](#)  
[March 2004, Vol.40, Issue 2](#)  
[March 2004, Vol.40, Issue 2](#)  
[Jan. 2004, Vol.40, Issue 1](#)

[Jan. 2004, Vol.40, Issue 1](#)

### Other Years:

<a href="#">2003</a>	<a href="#">2002</a>	<a href="#">2001</a>
<a href="#">2000</a>	<a href="#">1999</a>	<a href="#">1998</a>
<a href="#">1997</a>	<a href="#">1996</a>	<a href="#">1995</a>
<a href="#">1994</a>	<a href="#">1993</a>	<a href="#">1992</a>
<a href="#">1991</a>	<a href="#">1990</a>	<a href="#">1989</a>
<a href="#">1988</a>	<a href="#">1987</a>	<a href="#">1986</a>
<a href="#">1985</a>	<a href="#">1984</a>	<a href="#">1983</a>
<a href="#">1982</a>	<a href="#">1981</a>	<a href="#">1980</a>
<a href="#">1979</a>	<a href="#">1978</a>	<a href="#">1977</a>
<a href="#">1976</a>	<a href="#">1975</a>	<a href="#">1974</a>
<a href="#">1973</a>	<a href="#">1972</a>	<a href="#">1971</a>
<a href="#">1970</a>	<a href="#">1969</a>	<a href="#">1968</a>
<a href="#">1967</a>	<a href="#">1966</a>	<a href="#">1965</a>

### For IEEE Members and Publication Subscribers

To quickly search the abstract and citation records of this publication.

- 1) Enter a keyword, phrase, or Boolean expression.  
 Example: acoustic imaging  
 Example: Jones and 1998
- 2) Click Search.

remnant

Note: This function returns plural and suffixed forms of the keyword(s).

### Publication Information:

[About this publication](#);

[IEEE Information for Authors](#);

[Additional Information for Authors](#);

### Sponsoring IEEE Society/Societies:

[IEEE Magnetics Society](#)

### ACKNOWLEDGMENT:

Professor Fritz J. Friedlaender, Purdue University, generously donated the collection of IEEE Transactions on Magnetics, 1965-1987, that was used in

creating this digital archive. Professor Friedlaender was one of the founders of the IEEE Magnetics Group, later IEEE Magnetics Society. He served on its first Administrative Committee and as one of the first Assistant Editors of the Transactions. Professor Friedlaender is a Fellow of the IEEE.

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)



[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)



RELEASE 1.8

Welcome  
United States Patent and Trademark Office



» See

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

### Quick Links

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

### Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

### Search

- By Author
- Basic
- Advanced
- CrossRef

### Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

### IEEE Enterprise

- Access the IEEE Enterprise File Cabinet

[Print Format](#)

Your search matched **16** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Title** in **Ascending** order.

#### Results Key:

**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

#### 1 A method to determine dynamic remnant coercivity over a larger tin scale

*Piramanayagam, S.N.; Wang, J.P.; Shan, Z.S.; Ye, W.C.; Chong, T.C.*; Magnetics, IEEE Transactions on , Volume: 37 , Issue: 4 , July 2001  
Pages: 1950 - 1952

[Abstract] [PDF Full-Text (52KB)] IEEE JNL

#### 2 Development of a high field superconducting magnet using in-situ V 3/Ga compound tape

*Oishi, K.; takei, N.; Tanaka, Y.; Yamada, K.*; Magnetics, IEEE Transactions on , Volume: 24 , Issue: 2 , Mar 1988  
Pages: 1393 - 1396

[Abstract] [PDF Full-Text (264KB)] IEEE JNL

#### 3 Finite element analysis of magnetizer using Preisach model

*Chang Seop Koh; Sun-Ki Hong*; Magnetics, IEEE Transactions on , Volume: 35 , Issue: 3 , May 1999  
Pages: 1227 - 1230

[Abstract] [PDF Full-Text (356KB)] IEEE JNL

#### 4 Hot rolling of powder-in-tube Li-doped Bi(2212) tapes

*Guo, J.; Schwartz, J.; Wu, C.-T.; Goretta, K.C.*; Magnetics, IEEE Transactions on , Volume: 30 , Issue: 4 , Jul 1994  
Pages: 2098 - 2101

[Abstract] [PDF Full-Text (520KB)] IEEE JNL

#### 5 Insights gained from tests of solid armatures with and without payload in a 15 mm EML

*Kuhlmann-Wilsdorf, D.; Cuadros, J.; Skidmore, M.E.*; Magnetics, IEEE Transactions on , Volume: 25 , Issue: 1 , Jan 1989  
Pages: 316 - 323

---

[Abstract] [PDF Full-Text (1012KB)] IEEE JNL

**6 Magnetic pole shape optimization of permanent magnet motor for reduction of cogging torque**

*Chang Seop Koh; Hee Soo Yoon; Ki Woong Nam; Hong Soon Choi;*  
Magnetics, IEEE Transactions on , Volume: 33 , Issue: 2 , March 1997  
Pages:1822 - 1827

---

[Abstract] [PDF Full-Text (572KB)] IEEE JNL

**7 Magnetic properties of ion beam deposited CoPt and CoCrPt films for hard bias application in high density magnetoresistive heads**

*Leng, Q.; Mao, M.; Hiner, C.; Miloslavsky, L.; Miller, M.; Tran, S.; Qian, C.; Tu, H.C.;*  
Magnetics, IEEE Transactions on , Volume: 35 , Issue: 5 , Sept. 1999  
Pages:2553 - 2555

---

[Abstract] [PDF Full-Text (252KB)] IEEE JNL

**8 Micromagnetic studies of antiferromagnetism and resistance-field coupling in giant magnetoresistive Co/AI/NiFe**

*Wei, D.;*  
Magnetics, IEEE Transactions on , Volume: 34 , Issue: 2 , March 1998  
Pages:552 - 557

---

[Abstract] [PDF Full-Text (116KB)] IEEE JNL

**9 Micromagnetic understanding of antiferromagnetically coupled media**

*Liping Zhon; Giusti, J.; Fernandez-de-Castro, J.;*  
Magnetics, IEEE Transactions on , Volume: 37 , Issue: 4 , July 2001  
Pages:1435 - 1437

---

[Abstract] [PDF Full-Text (50KB)] IEEE JNL

**10 Observations of vortex structure in  $\text{YBa}_2\text{Cu}_3\text{O}_7$**

*Muller, H.; Wiesmann, H.J.; Suenaga, M.;*  
Magnetics, IEEE Transactions on , Volume: 27 , Issue: 2 , Mar 1991  
Pages:1076 - 1079

---

[Abstract] [PDF Full-Text (1120KB)] IEEE JNL

**11 Recording, noise, and servo characteristics of patterned thin film media**

*Jian-Gang Zhu; Ziangdong Lin; Lijie Guan; Messner, W.;*  
Magnetics, IEEE Transactions on , Volume: 36 , Issue: 1 , Jan. 2000  
Pages:23 - 29

---

[Abstract] [PDF Full-Text (164KB)] IEEE JNL

**12 Remnant resistance in TSUEI'S composite superconductors**

*Davidson, A.; Beasley, M.; Tinkham, M.;*  
Magnetics, IEEE Transactions on , Volume: 11 , Issue: 2 , Mar 1975  
Pages:276 - 279

---

[Abstract] [PDF Full-Text (424KB)] IEEE JNL

**13 Si-doping of Co/Pd multilayers for improved signal to noise in perpendicular magnetic recording media**

Xiaoyuan Qi; Stadler, B.J.H.; Victora, R.H.; Judy, J.H.; Hellwig, O.; Supper, N  
Magnetics, IEEE Transactions on , Volume: 40 , Issue: 4 , July 2004  
Pages:2476 - 2479

---

[Abstract] [PDF Full-Text (264KB)] IEEE JNL

**14 Studies of time dependence of fields in Tevatron superconducting d magnets**

Hanft, R.W.; Brown, B.C.; Herrup, D.A.; Lamm, M.J.; McInturff, A.D.; Sypher, M.J.;  
Magnetics, IEEE Transactions on , Volume: 25 , Issue: 2 , Mar 1989  
Pages:1647 - 1651

---

[Abstract] [PDF Full-Text (424KB)] IEEE JNL

**15 The effects of underlayer NiFeX on the magnetic properties of CoPt films**

Xue, S.S.; Ryan, P.J.; Dolejsi, J.F.;  
Magnetics, IEEE Transactions on , Volume: 33 , Issue: 5 , Sept. 1997  
Pages:2908 - 2910

---

[Abstract] [PDF Full-Text (348KB)] IEEE JNL

---

[1](#) [2](#) [Next](#)

---

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)

RELEASE 1.8

Welcome  
United States Patent and Trademark Office

&gt;&gt; Se

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore®

- [Home](#)
- [What Can I Access?](#)
- [Log-out](#)

**Tables of Contents**

- [Journals & Magazines](#)
- [Conference Proceedings](#)
- [Standards](#)

**Search**

- [By Author](#)
- [Basic](#)
- [Advanced](#)
- [CrossRef](#)

**Member Services**

- [Join IEEE](#)
- [Establish IEEE Web Account](#)
- [Access the IEEE Member Digital Library](#)

**IEEE Enterprise**

- [Access the IEEE Enterprise File Cabinet](#)

**Print Format**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved